Author Index Volume 82 (1993)

Abasaeed, A.E., 75
Assunção, R.M.N.d., 43

Behling, R.-D., 15
Bell, T.W., 277
Bhattacharjee, C., 1
Bhattacharya, P.K., 1
Bouchet, F., 285
Brož, Z., 265

Casas, J., 237
Chen, G., 99

Dozol, J.F., 237
Eisenberg, A., 83
Elnashaie, S.S.E.H., 75

Filho, G.R., 43
Funke, H.H., 229

Griesser, H.J., 99
Gronowski, A.A., 83

Hanaoka, K., 255
Hlavacek, M., 285
Hsiue, G.-H., 117
Huang, R.Y.M., 27

Ilinich, O.M., 149

Jia, M.-D., 15
Jiang, M., 83
Jong, F.d., 277
Juang, R.-S., 163, 175

Kiyono, R., 255
Koval, C.A., 229
Kreulen, H., 185

Langevin, D., 51
Liang, J.-F., 163, 175
Liu, J., 277

Maeda, Y., 157
Magara, K., 157
Mau, A.W.H., 99
Mengual, J.I., 129
Métayer, M., 51
Mochizuki, S., 211

Noble, R.D., 229

Ortiz de Zárate, J.M., 129

Peinemann, K.-V., 15
Peña, L., 129
Pinoche, M., 51

Reinhoudt, D.N., 277
Roux, R., 51

Sastre, A., 237
Sata, T., 247
Sélégny, E., 51
Shimidzu, T., 157
Simons, R., 65
Singh, A., 141
Singh, K., 141
Smolders, C.A., 185
Swaaij, W.P.M., 185

Tasaka, M., 255
Thummel, R.P., 277
Tsugaya, H., 157

Van Straaten-Nijenhuis, W.F., 277
Vašák, F., 265
Velázquez, A., 129
Versteeg, G.F., 185

Wei, Y., 27
Wu, G., 83

Yang, J.-S., 117
Yeager, H.L., 83
Yoshikawa, M., 157

Zamaraev, K.I., 149
Zydney, A.L., 211

Subject Index Volume 82 (1993)

acrylic acid–acrylonitrile copolymer, 157
artificial kidney, 43

barrier membranes, 43
batteries, 247
bioreactors, 75
bipolar membranes, 65
blocking laws, 285
bovine serum albumin, 285

carrier, 51
carrier-mediated transport, 277
cation-exchange membranes, 51
ceramic membranes, 15
CO_2 transport, 51
complexation–ultrafiltration, 175
complex membranes, 117
composite membranes, 247
copper, 175
coupled facilitated transport, 237
cuprammonium, 43

diffusion, 83, 265

electrodialysis, 65
electroosmosis, 255
emulsion polymer, 27
entropy, 255
equilibrium constant, 163
ethanol fermentation, 75

facilitated transport, 51, 117, 229, 237
flowrate, 285
flux decline, 1
fouling, 285

gas and vapour permeation, 15
gas permeation, 265
gas separation, 99
gas separations, 149, 185, 229

H_2S/CO_2 selectivity, 185

ion exchange capacity, 141
ion-exchange membranes, 65, 83, 229, 247, 255
ionic percolation, 83

kraft black liquor, 1

latex membranes, 27
liquid membranes, 237

macrocycles, 277
mass transfer coefficient, 1
Maxwell pressure, 65
membrane distillation, 129
membrane potential, 255
membrane preparation and structure, 27
membrane stability, 237
metal ions, 163
microfiltration - dead-end, 285
microporous and porous membranes, 211
microporous membranes, 185
modelling, 75

olefin separation, 229
optimization, 75
osmotic distillation, 129

permeability, 149, 265
permeation, 117
permselectivity, 157
pervaporation, 27, 157
polyacrylic acid, 163, 175
polyaza carriers, 277
polymeric membranes, 157
polymer membranes, 265
polyphenyleneoxide membranes, 149
polypyrrole, 247
poly(vinyltrimethylsilane), 265
pore size distribution, 211
porous hydrophobic membranes, 129

redox reactions, 247
regenerated cellulose, 43
rejection, 175

selectivity, 149
separation, 15
separation factor, 149
separation of acetic acid/water, 157
separation of olefin/paraffin, 117
separation of oxygen and nitrogen, 99
shape-selective, 15
silicalite-1, 15
solubility, 265
sugar-cane bagasse, 43
supported liquid membranes, 277

theory, 211

thermal membrane potential, 255
thermodynamics, 141
transient increase of, 149

ultrafiltration, 1, 163, 211
urea transport, 277

water flow, 65
water permeable membranes, 157
water sorption and diffusion, 83

zeolite membranes, 15
zinc, 175
zirconium phosphate membranes, 141